RESUME

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Academic Qualification

- **B. Tech** from **AIEM Kanpur** in 2012.
- **M. Tech (Part-Time**) from **MNNIT Prayagraj** in 2022.

Work Experience

Company: HCL INFOSYSTEMS Allahabad from 7 DEC 2012 to 20 JUN 2014.
Designation: Associate Engineer

Company: Harish-Chandra Research Institute (Department of Atomic Energy) Allahabad from 23 JUN 2014 to 28 FEB 2023.
Designation: Computer Assistant(Technical)

Company: Harish-Chandra Research Institute (Department of Atomic Energy) Allahabad from 01 MAR 2023 to till now.
Designation: System Admin

Expertise

- Worked on institutional mail setup, firewall administration, and user data management.
- Proficient in deploying and maintaining secure infrastructures using pfSense, SNORT IDS/IPS, and ClamAV. Skilled in Proxmox virtualization and automated backup solutions, ensuring high availability and reliability of institutional IT systems.
- Experienced IT professional with proven expertise in system administration, network management, and virtualization technologies within research and academic institutions.
- Administering authentication, email, and firewall systems to ensure 24×7 service reliability.
- Implemented Proxmox VE-based virtualization using KVM for hosting multiple virtual servers and containers.
- Identifies, diagnoses, and resolves problems for users of the personal Computer software, hardware, Internet and new computer technology.
- Provides one-on-one end-user problem resolution for web.
- Diagnoses and resolves end-user network or local printer problems, PC hardware problems, Internet, e-mail, WLAN and local-area network access problems.
- Able to work independently and within a team-spirited environment.

- Good knowledge and understanding of the network infrastructure and protocols such as TCP/IP, HTTP, etc.
- Desktop (PCs, Laptops and Peripherals) hands-on experience for both hardware and software.

Technical Skills:

- Operating Systems: OpenBSD, CentOS, Linux (Debian, Ubuntu, CentOS), Windows
- Network & Security: pfSense, SNORT IDS/IPS, ClamAV, OpenVPN, VLAN, VPN, iptables, SSH, Fail2ban
- Virtualization: Proxmox VE, KVM, Docker, LXC
- Mail & Directory Services: Postfix, Dovecot, LDAP, Roundcube
- Web & Database: Apache, MySQL/MariaDB
- Backup Solutions: rsync, Proxmox Backup Server

Assets

- Hardworking, Self-confident, meets deadlines on task entrusted and ample analyzing capacity.
- Takes Initiative and no additional directions are required once work is explained and assigned.

Personal Information

Material status : Single.
Date of Birth : 10-04-1991
Languages Known : Hindi & English

Declaration

I hereby declare that the above information furnished is true to the best of my knowledge and belief.

Date: 09/11/2025 Shyam Narayan Pandey
Place: Prayagraj